

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

1					50
PmCS	MNTLSQAIIKA	YNSNDYELAL	KLFEKSAEY	GRKIVEFQII	KCKEKLSTNS
PmHAS	MNTLSQAIIKA	YNSNDYQLAL	KLFEKSAEII	GRKIVEFQIT	KCKEKLsAHP
Consensus	MNTLSQAIIKA	YNSNDY#LAL	KLFEKSAEiY	GRKIVEFQii	KCKEKLsAnp
51					100
PmCS	YVS.....	EDKKNSVCDS	SLDIATQLLL	SNVKKLTLS	SEKNSLKNKW
PmHAS	SVNSAHL SVN	KEEKVNVCDS	PLDIATQLLL	SNVKKLVLS	SEKNTLKNKW
Consensus	sVn.....	e#eKnnVCDS	pLDIATQLLL	SNVKKLTLS#	SEKNSLKNKW
101					150
PmCS	KSITGKKSEN	AEIRKVELVP	KDFPKDLVLA	PLPDHVNDFT	WYKNRKKSLG
PmHAS	KLLTEKKSEN	AEVRAVALVP	KDFPKDLVLA	PLPDHVNDFT	WYKKRKKRLG
Consensus	KliTeKKSEN	AE!RaVaLVP	KDFPKDLVLA	PLPDHVNDFT	WYKnRKKrLG
151					200
PmCS	IKPVNKNIGL	SIIPTFNRS	RILDITLACL	VNQKTnYPFE	VVvADDGSKE
PmHAS	IKPEHQHVGL	SIIVTTFNRP	AILSITLACL	VNQKThYPFE	VIVTDDGSQE
Consensus	IKPengn!GL	SII!pTFNRP	aILdITLACL	VNQKTnYPFE	V!VaDDGSqE
201					250
PmCS	NLLTIVQKYE	QKLDIKYVRQ	KDYGyQLCAV	RNLGLRTAKY	DFVSILDCDM
PmHAS	DLSPiIRQYE	NKLDIRYVRQ	KDNGFQASAA	RNMGLRLAKY	DFIGLLDCDM
Consensus	#LlpI!rqYE	#KLDIRYVRQ	KDnG%QacAa	RN\$GLRLAKY	DF!giLDCDM

Fig. 1a







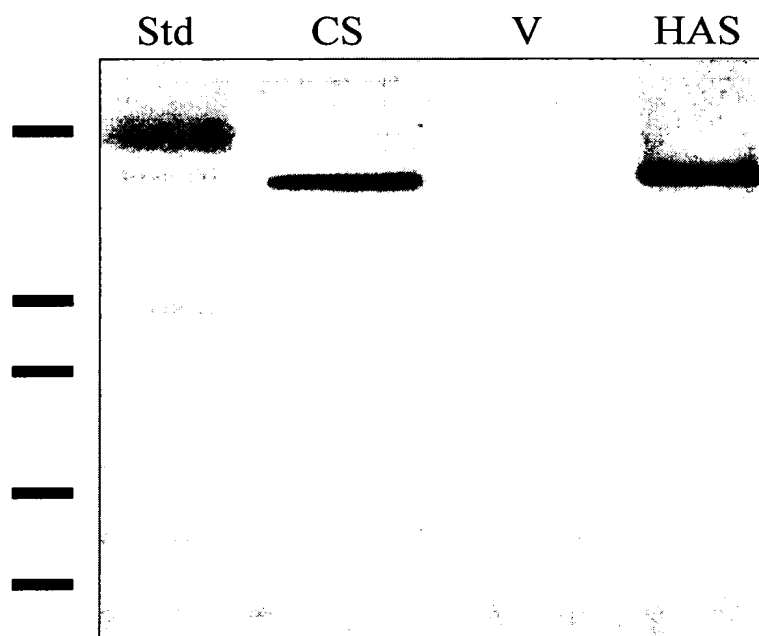


Fig. 2

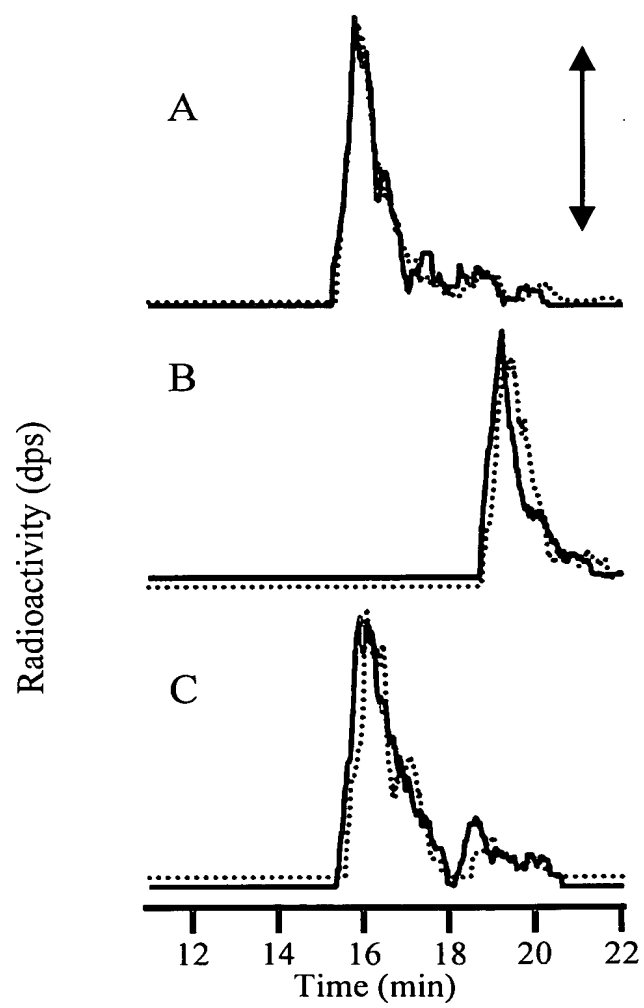


Fig. 3

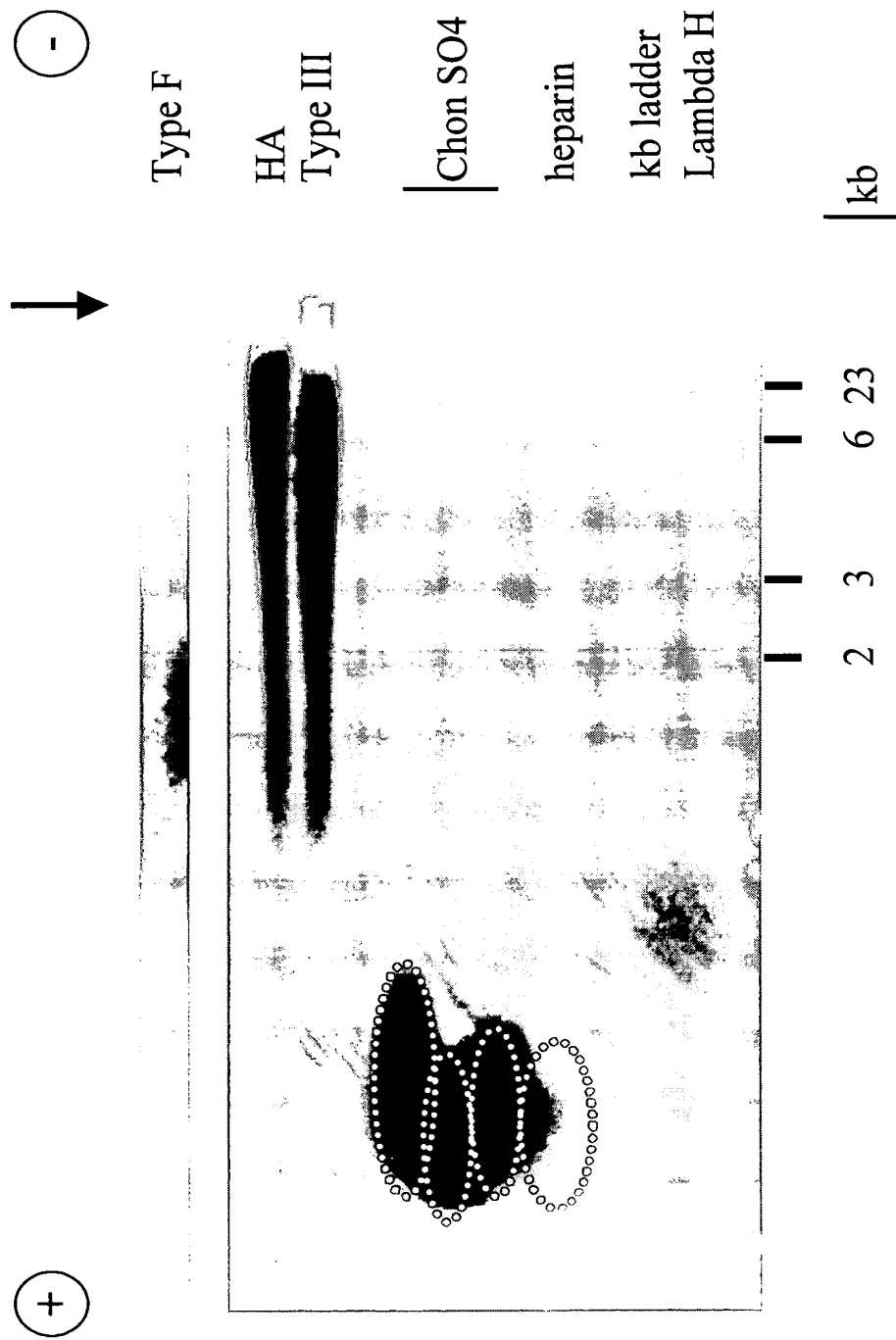


Fig. 4

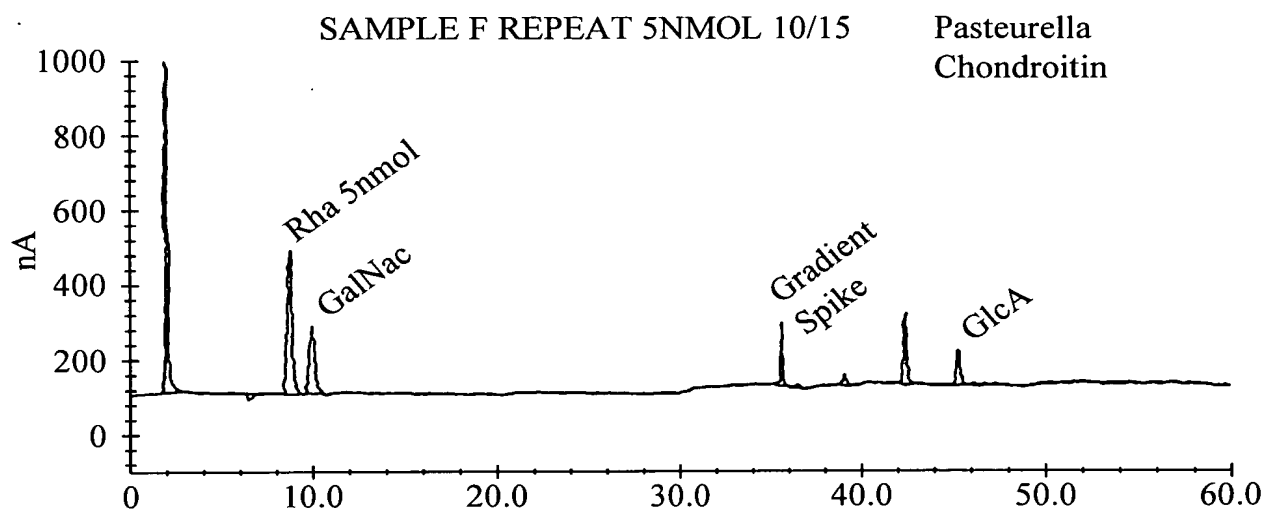
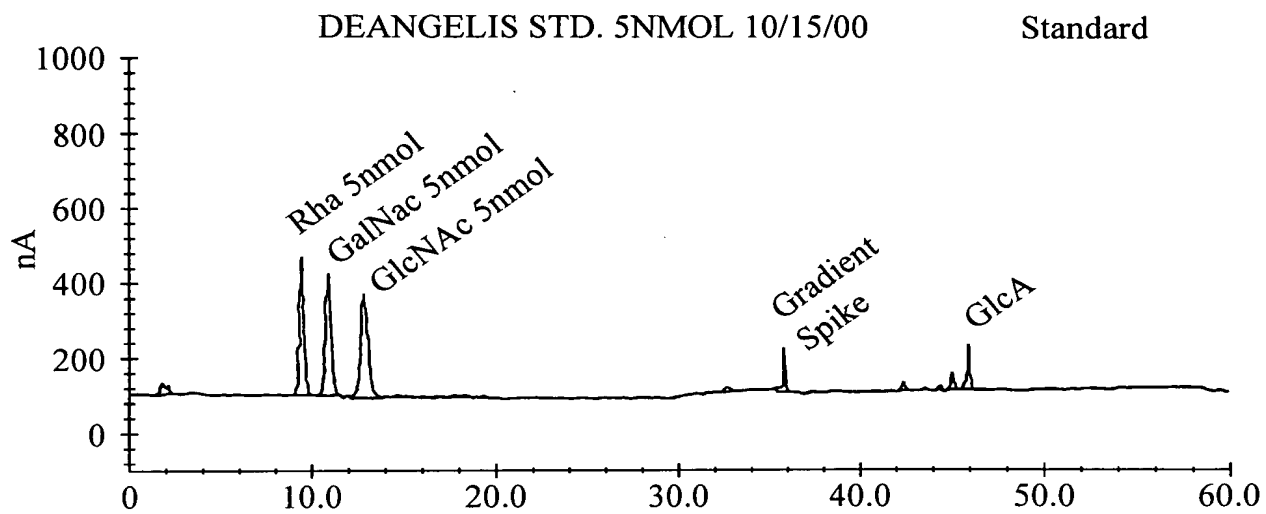


Fig. 5



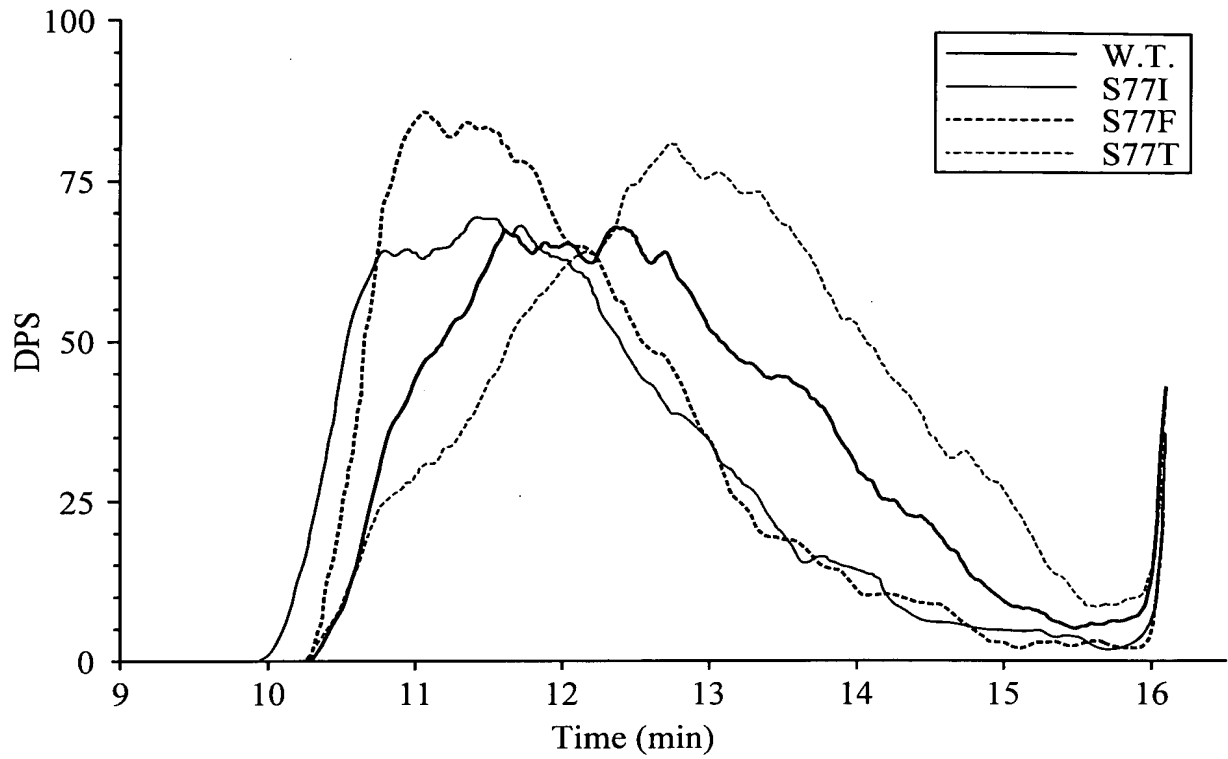


Fig. 6

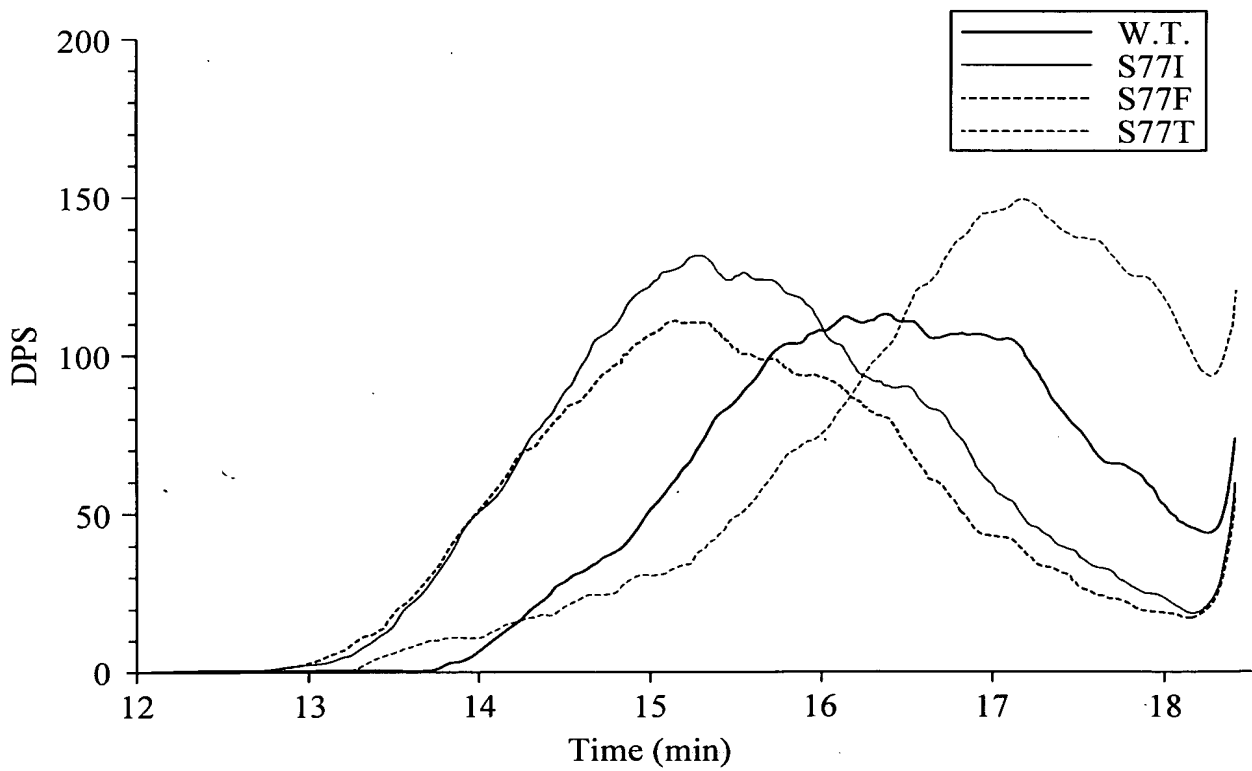


Fig. 7

## NMR of Type F Polymer

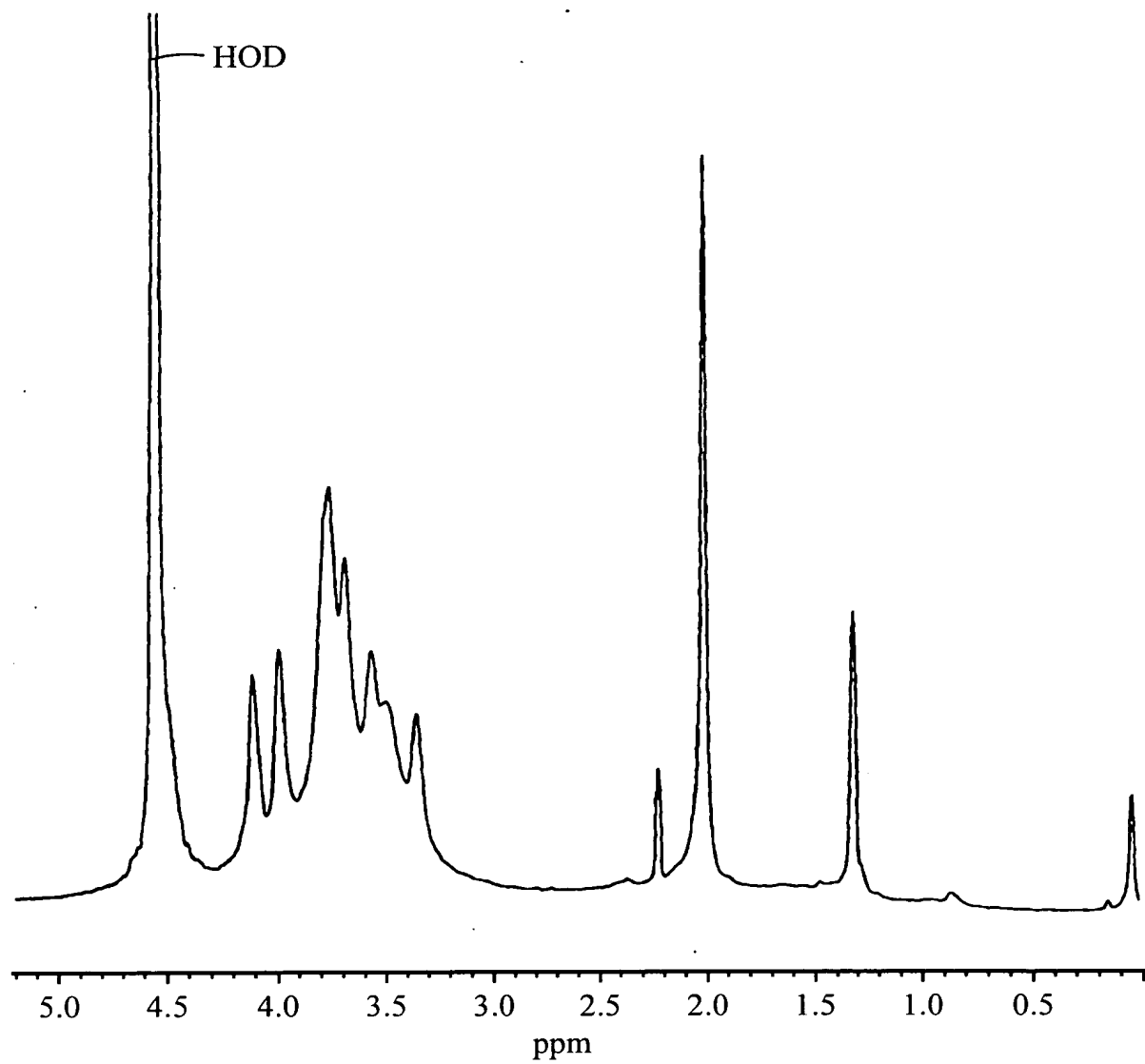


Fig. 8

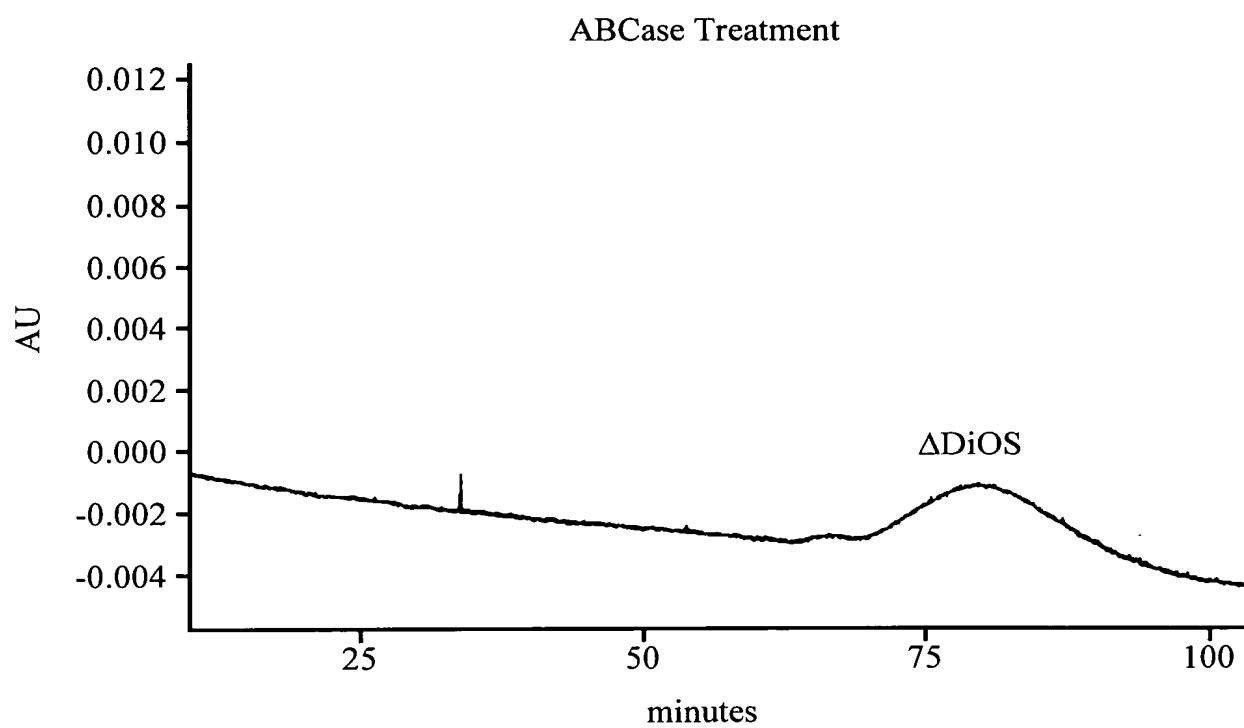


Fig. 9

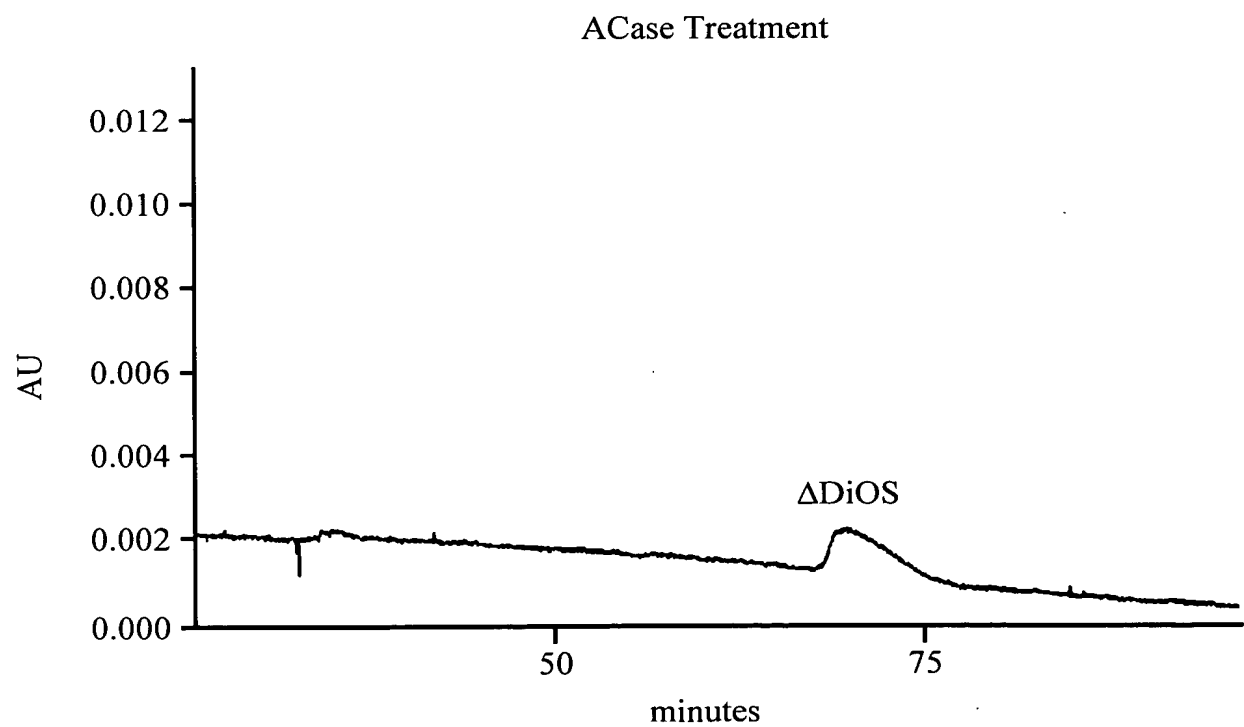


Fig. 10